

Patent claims

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1. Method for operating a combustion plant while reducing the quantity of nitrogen oxides,

characterized in that

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a sub-stoichiometric flame zone is produced and in that a nitrogen oxide reducing agent is introduced into said sub-stoichiometric flame zone.

2. Method in accordance with claim 1, characterized in that the temperature in said sub-stoichiometric flame zone is adjusted to greater than 1100°C.

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3. Method in accordance with claim 1 or 2, characterized in that said sub-stoichiometric flame zone is produced as a flame core from fuel and primary air and is enveloped with a veil of secondary air, preferably with another veil of tertiary air.

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4. Method in accordance with any of claims 1 through 3, characterized in that said nitrogen oxide reducing agent is introduced into said sub-stoichiometric flame zone together with the fuel.

5. Method in accordance with any of claims 1 through 4, characterized in that said nitrogen oxide reducing agent is introduced into said sub-stoichiometric flame zone together with said primary air.

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6. Method in accordance with claim 5, characterized in that core air is blown into said flame and in that said nitrogen oxide reducing

~~introduced into s
core air.~~